

## **CFBC Series: Modified Molded Block Cartridges**

The CFBC Series cartridges are designed with a proprietary Fibredyne technology that combines the benefits of sediment filtration with carbon block filtration in a single cartridge. These cartridges provide effective chlorine taste and odor reduction, as well as superior sediment reduction without premature plugging. They are ideal for residential, food service, commercial, and industrial applications.

### **1. Key Features**

- Nominal 0.5-micron rating: Provides fine filtration for high-quality water.
- 99.95% reduction of Cryptosporidium and Giardia Cysts: Certified to reduce harmful cysts, improving water safety.
- Premium dirt-holding capacity: Extends filter life and enhances filtration performance.
- High chlorine taste & odor reduction: Effective at improving the taste and odor of water, reducing chlorine and other organic chemicals.

**2. Fibredyne Technology** The CFBC Series utilizes proprietary Fibredyne technology, which fuses powdered activated carbon to a cellulose-free synthetic fiber matrix. This unique construction creates a filter media that combines the dirt-holding capacity of a sediment filter with the chlorine reduction capabilities of a carbon block filter. Fibredyne technology offers benefits such as: - Low pressure drop across the filter's lifespan. - Up to three times the chlorine taste and odor reduction of traditional carbon block filters. - A post-filtration layer that prevents fines from being released into the effluent stream, ensuring cleaner water.

### **3. Cartridge Specifications and Performance**

The CFBC Series is available in two models with the following specifications:

- CFBC-10: 0.5-micron rating, 10.7 psi @ 1 gpm, chlorine taste & odor reduction for over 20,000 gallons, operating temperatures from 40°F to 180°F.
- CFBC-20: 0.5-micron rating, 10.7 psi @ 2 gpm, chlorine taste & odor reduction for over 40,000 gallons, operating temperatures from 40°F to 180°F.

**4. Materials of Construction** The CFBC cartridges are constructed from FDA-compliant materials, making them safe for various water filtration applications. Materials include: - Filter Media: Bonded powdered activated carbon (PAC) - End Caps: Polypropylene - Netting: Polyethylene - Gaskets: Santoprene

**5. Certifications** The CFBC Series cartridges are tested and certified by NSF International to NSF/ANSI Standard 42 for material requirements. The 99.95% cyst reduction claim is based on internal testing using the NSF Standard 53 protocol.

**Conclusion** The CFBC Series cartridges provide an effective and reliable filtration solution for a wide range of applications. With a 0.5-micron rating, high chlorine taste & odor reduction, and superior dirt-holding capacity, these cartridges are an excellent choice for ensuring cleaner, better-tasting water. For more information on CFBC Series cartridges, please contact us.